

Date: Thu, 23 Dec 93 04:30:07 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1501
To: Info-Hams

Info-Hams Digest Thu, 23 Dec 93 Volume 93 : Issue 1501

Today's Topics:

 Daily Summary of Solar Geophysical Activity for 21 December
 Designations for microwave bands?
 France: reciprocal operating info?
 Help Needed !!! on Power supply...
 Mailing lists?
 Morse Code blues (2 msgs)
 Need help with the numbers in Morse
 SB-100 sold
 Where are all the young enthusiasts?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 21 Dec 1993 21:16:42 MST
From: usc.edu!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!cs.ubc.ca!
alberta!nebulus!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 21 December
To: info-hams@ucsd.edu

/\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

21 DECEMBER, 1993

/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 21 DECEMBER, 1993

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 355, 12/21/93
10.7 FLUX=092.9 90-AVG=098 SSN=045 BKI=3233 3323 BAI=013
BGND-XRAY=B1.3 FLU1=2.7E+06 FLU10=1.2E+04 PKI=3233 3323 PAI=012
BOU-DEV=031,011,029,025,024,028,017,027 DEV-AVG=024 NT SWF=00:000
XRAY-MAX= C1.2 @ 0058UT XRAY-MIN= B1.1 @ 1558UT XRAY-AVG= B2.9
NEUTN-MAX= +002% @ 1330UT NEUTN-MIN= -002% @ 2355UT NEUTN-AVG= -0.3%
PCA-MAX= +0.1DB @ 0705UT PCA-MIN= -0.4DB @ 1025UT PCA-AVG= -0.0DB
BOUTF-MAX=55358NT @ 2354UT BOUTF-MIN=55333NT @ 1739UT BOUTF-AVG=55348NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+068,+000,+000
GOES6-MAX=P:+135NT@ 1654UT GOES6-MIN=N:-071NT@ 0717UT G6-AVG=+089,+021,-029
FLUXFCST=STD:095,097,098;SESC:095,097,098 BAI/PAI-FCST=007,007,005/010,010,005
KFCST=1112 3111 1112 3111 27DAY-AP=005,006 27DAY-KP=2211 2121 2110 2223
WARNINGS=*SWF
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 20 DEC 93 was 41.0.
The Full Kp Indices for 20 DEC 93 are: 3o 2o 1+ 3- 2o 2o 3- 3-

SYNOPSIS OF ACTIVITY

Solar activity was low. Only an occasional C-class flare has been noted during the period. Region 7640 (N10E57) shows the most potential for flares.

Solar activity forecast: solar activity should continue to be at a low level. Region 7640 is still capable of producing an isolated M-class flare.

STD: A full-disk x-ray image from the Yohkoh satellite has been appended to this report, showing the increased emissions associated with Region 7640.

The geomagnetic field has been at quiet to unsettled levels for the past 24 hours. Active to minor storm levels were observed at high latitudes.

Geophysical activity forecast: the geomagnetic field is expected to be mostly quiet throughout the forecast period.

Event probabilities 22 dec-24 dec

Class M	20/20/20
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 22 dec-24 dec

A. Middle Latitudes

Active	15/15/10
Minor Storm	05/05/05
Major-Severe Storm	01/01/01

B. High Latitudes

Active	25/25/15
Minor Storm	10/10/05
Major-Severe Storm	01/01/01

HF propagation conditions have not changed over the last 24 hours. Low and middle latitudes continue to observe near-normal propagation, while high and polar latitudes continue to observe near-normal propagation except during the local night and morning sectors where occasional minor signal degradation is producing slightly below-normal conditions. No changes are expected over the next several days. High and polar latitude paths should see gradual improvements over the next 72 hours as levels of geomagnetic activity drop to generally quiet levels.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

=====

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 21/2400Z DECEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7635	N01W14	273	0060	CSO	04	004	BETA	
7640	N09E58	201	0250	FSO	16	010	BETA	
7641	N04E60	199	0100	HSX	02	001	ALPHA	
7632	N05W85	344					PLAGE	
7637	N09W72	331					PLAGE	

REGIONS DUE TO RETURN 22 DECEMBER TO 24 DECEMBER

NMBR	LAT	LO
7623	S13	158

LISTING OF SOLAR ENERGETIC EVENTS FOR 21 DECEMBER, 1993

 BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP
 NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 21 DECEMBER, 1993

 BEGIN MAX END LOCATION TYPE SIZE DUR II IV
 NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 21/2400Z

 ISOLATED HOLES AND POLAR EXTENSIONS
 EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
 NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
20 Dec:	0152	0200	0209	C1.3						
	0235	0245	0259	B5.2						
	0613	0625	0638	B3.6						
	0713	0731	0751	C1.5						
	0838	0846	0854	C1.3						
	1425	1433	1437	B6.0	SF	7640	N08E80			
	1531	1536	1541	B6.8	SF	7640	N07E76			
	1819	1820	1829		SF	7640	N07E75			
	1847	1903	1910	B6.4	SF	7640	N08E74			
	1916	1917	1927		SF	7640	N07E72			
	2222	2225	2236	B4.7						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7640:	0	0	0	5	0	0	0	0	005	(45.5)
Uncorrelated:	3	0	0	0	0	0	0	0	006	(54.5)

Total Events: 011 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

use it?

For what it's worth, these are the designations that I use:

L-band	1 - 2 GHz [Though really, anything below 2 GHz is ~DC :-)]
S-band	2 - 4 GHz
C-band	4 - 8 GHz
X-band	8 - 12.4 GHz
Ku-band	12.4 - 18.0 GHz
K-band	18 - 26.5 GHz

Pretty much anything above that we lump together as millimeter wave.

Date: Tue, 21 Dec 1993 17:16:28 GMT
From: microsoft!wingnut!laurahal@uunet.uu.net
Subject: France: reciprocal operating info?
To: info-hams@ucsd.edu

I'm preparing for a trip next year (May, probably) to the U.K. with a side trip to France, and am setting things in motion for my reciprocal licence(s). The RSGB are sending me the U.K. paperwork, but would anybody be able to offer a pointer for the French paperwork? I have the address in Montreux, but if I can do better I would certainly like to...

Thanks in advance!

73 from Burnaby,
laura VE7LDH

Date: Tue, 21 Dec 1993 14:24:27 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!noc.near.net!news.cs.brandeis.edu!slanka@network.ucsd.edu
Subject: Help Needed !!! on Power supply...
To: info-hams@ucsd.edu

Hi Folks!

I want to know if I could use the Yaesu FP800 power supply (rated at 20A) with the Kenwood TS450S (rated to require 20.5A).

Many Thanks-
please email:

ishi@media.mit.edu or slanka@chaos.cs.brandeis.edu

Date: 20 Dec 93 20:33:00 GMT
From: twwells!pics!james.mollica@rutgers.rutgers.edu
Subject: Mailing lists?
To: info-hams@ucsd.edu

DB.During the past month or so I've heard references to a couple of mailing .lists, one for contests and one for DX'ers. If anybody has info on these .lists, and how I can get on them, please email me.

Send a msg to cq-contest-request@tgw.com with "subscribe" in the msg field. This will get you on the contest reflector. There is another for the dx list but I do not have the info. You can ask on the contest reflector. Since these lists are on the internet you will need an internet email gateway. 73 es gl, Jim N2NRD.

Jim

* 1st 1.11 #1439 * N2NRD @ AMSAT.ORG

+-----+
| Pics OnLine MultiUser System 609/753-2540 HST 609/753-2605 (V32bis) |
| Massive File Collection - Over 45,000 Files OnLine - 250 Newsgroups |
+-----+

Date: Wed, 22 Dec 1993 16:37:27 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!emory!swrinde!sgiblab!
sgigate.sgi.com!olivea!news.bbn.com!petra!zds-oem!news@network.ucsd.edu (Earl Morse)
Subject: Morse Code blues
To: info-hams@ucsd.edu

In article <2f80r0\$2de@ornews.intel.com> zardoz@ornews.intel.com (Jim Garver) writes:

>In article <2f7ujfINNdSr@nighthawk.ksu.ksu.edu> cbr600@nighthawk.ksu.ksu.edu (Jeremy Utley) writes:

>

>>...Just had my first bad experience as a Tech plus licensee...

>>...Dropped down>to 15 meters, threw out the following:

>

>>CQ CQ CQ DE N0YAX N0YAX N0YAX QRS K

>

>>I put the QRS in there so hams would know I had trouble copying code and would
>>send slower. I did that about 3 times, and this guy comes back at about 18 wpm

Proper CW etiquette dictates that you send at your copying speed and that you reply at the same speed that the CQer is sending at. If someone comes back to you at 18 WPM ask the to PSE RPT QRS. Just keep sending that until they get it that you want 5 WPM sent to you. Don't let QRQ ops get you down. Remember nobody started copying code at 20 WPM proficiency. Keep banging away and remember that the good ops will come back at your speed.

Of course, I'm assuming that you aren't CQing at 18 WPM. If you are sending at above your proficiency then you are going to have problems copying.

73 GL

Earl Morse
KZ8E
e.morse@zds.com

Date: Wed, 22 Dec 1993 19:34:27 GMT
From: pa.dec.com!nntpd.lkg.dec.com!ryn.mro4.dec.com!est.enet.dec.com!
randolph@decwrl.dec.com
Subject: Morse Code blues
To: info-hams@ucsd.edu

In article <2f7ujfINNdSr@nighthawk.ksu.ksu.edu>, cbr600@nighthawk.ksu.ksu.edu (Jeremy Utley) writes...

>I put the QRS in there so hams would know I had trouble copying code, and would
>send slower. I did that about 3 times, and this guy comes back at about 18 wpm
>all I could catch was NOYAX DE and from there lost it totally.

Yah, I don't get on HF much, due to lack of equipment, but I got in one CW QSO a couple of weeks ago at a friend's station. During the ten minute QSO, we had some guy tune up on our freq, two other guys jump in at about 30 WPM right on top of us, and ultimately had to sign with each other over two or three guys holding the key down on our freq. Nice, real nice.

-Tom R. N100Q randolph@est.enet.dec.com

Date: 22 Dec 1993 19:56:44 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
usenet.ins.cwru.edu!news.ecn.bgu.edu!psuvax1!news.cc.swarthmore.edu!
netnews.upenn.edu!mipg.upenn.edu!yee@network.ucsd.edu
Subject: Need help with the numbers in Morse
To: info-hams@ucsd.edu

I have been practicing my code and I think I am getting pretty close to the necessary 13wpm. The problem is that I have a tough time with the numbers. I KNOW I am trying to count the dits and dahs for numbers. For letters and punctuation, I am in decent shape.

Any suggestions on how to get past this nastiness?

--

Medical Image Processing Group		Conway Yee, N2JWQ
411 Blockley Hall		EMAIL : yee@mipg.upenn.edu
418 Service Drive		VOICE : 1 (215) 662-6780
Philadelphia, PA 19104-6021 (USA)		FAX : 1 (215) 898-9145

Date: Tue, 21 Dec 1993 15:21:22 GMT
From: uchinews!att-out!cbnewsd!kmyeh@uunet.uu.net
Subject: SB-100 sold
To: info-hams@ucsd.edu

The Ham Radio is sold. Thanks for the overwhelming response!
Happy Holidays to everyone.
Ken Yeh
kmy@ihlpm.att.com

Date: Wed, 22 Dec 1993 16:57:39 GMT
From: cs.utexas.edu!swrinde!sgiblab!sgigate.sgi.com!olivea!news.bbn.com!petra!zds-oem!news@uunet.uu.net (Earl Morse)
Subject: Where are all the young enthusiasts?
To: info-hams@ucsd.edu

In article <1993Dec22.060722.7669@kd4nc.uucp> n4tii@kd4nc.uucp (John Reed) writes:

>I'm almost 23 on this end...I got my license when I was 17 and a Junior in
>High school....(Got Novice and Technician within a month of each other).
>A year later, I got my General and have been in a holding pattern since...
>
>The problem I am having with my club is my age... I am the first young ham
>they've had in a while that is highly active....always on the radio...operating
>at field day, raising hell at club meetings, etc....
>
>It seems that everytime there's a problem in the club, I'm the one to blame.
>Shortly after I got my license, we had a problem with a TouchTone bandit on
>the club repeater....all the OF's thought it was me..... even since, I have
>been more active then 80% of the club members, yet I'm still passed up for

>club nominations each year, passed up for control operator appointments,
>special duties in the club, etc...
>
>My club as yet to give me the respect that I deserve as a member and as a
>person..everytime I open my mouth at a meeting, I'm met with a "That's nice
>son" attitude and a motion to shut up... I'm cut off in mid sentence, etc...
>
>I don't if other clubs are like that with their new young hams, but mine is
>bad...
>
>Some of these old pharties need to learn that us new hams have plenty to offer
>and in no way are we threatening to the establishment... I've done plenty for
>my club, without return.... if they only knew what I was capable of... in
>the CAP, I am a group communications officer, a node operator, a repeater
>control operator and site custodian for the machine, I node op a ham node,
>(GVL07:n4tii-7 in Gainesville, GA - 145.07), I am in AF MARS, (afa2fh), and
>have been a region 2 net control station, a beacon station, a TEXN agent.
>I'm the AEC for the Hall County GA ares...etc etc etc.... but I'm just not
>qualified to serve as an officer in my club because "I'm too little!"
>
>

Don't sweat it John. You could have it worse. My club has old farts that want everything done for them. I was first nominated for president at the age of 18. I declined because I was going to college. I have been the Field Day Chairman for umpteen years, and an officer of some sort since I graduated from college and returned to the area.

To put it mildly the elections are a railroad that nobody votes in. As soon as someone gets nominated he is voted in by acclamation as everyone breathes sigh of relief that they don't have to be in a position of responsibility.

There are 100 members in this club. You would think people were fighting to lead, but not so. So I would say go find another club, or start your own repeater. A repeater will definitely take up your time. I work with 2 other guys that homebrewed a 2m/440 set of repeaters and it eats up all my time.

Good luck to ya. If you keep looking someplace you'll find a group that will welcome your talents and enthusiasm. Woe to the old "pharties" that are losing your expertises.

BTW, I was still the youngest in the club when I was 28. (almost 31 now).

73

Earl Morse

KZ8E

e.morse@zds.com

End of Info-Hams Digest V93 #1501
